

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001316

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: A61M 15/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
DWPI: IPC A61M 15/-, 11/-, 13/-; A61J 1/- & keywords: canister, inhaler, housing, container, enclosure, cavity, mouthpiece, discharge, rotate, pivot, swivel, close, shut, rupture, tear, break; and similar terms.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5622162 A (JOHANSSON ET AL) 22 April 1997 Whole document, especially: column 2, lines 33-37 and column 11, lines 23-30	1-98
X	US 5755218 A (JOHANSSON ET AL) 26 May 1998 Whole document, especially: column 2, lines 33-37 and column 11, lines 6-15	1-98.
X	US 5497764 A (RITSON ET AL) 12 March 1996 Whole document, especially: column 2, lines 33-37 and column 10, lines 47-56	1-98

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
6 October 2004

Date of mailing of the international search report  
12 OCT 2004

Name and mailing address of the ISA/AU  
AUSTRALIAN PATENT OFFICE  
PO BOX 200, WODEN ACT 2606, AUSTRALIA  
E-mail address: pct@ipaaustralia.gov.au  
Facsimile No. (02) 6285 3929

Authorized officer  
  
KAREN VIOLANTE  
Telephone No : (02) 6283 7933

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2004/001316

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5522378 A (RITSON ET AL) 4 June 1996 Whole document, especially: column 2, lines 33-37 and column 10, lines 32-40	1-98
X	WO 2000/018455 A1 (GLAXO GROUP LIMITED ET AL) 6 April 2000 Whole document	1-39 and 75-81
X	WO 2002/004043 A2 (VAPOTRONICS INC ET AL) 17 January 2002 Whole document	1-98
A	US 4130116 A (CAVAZZA) 19 December 1978 Whole document	1-98
A	CA 2379137 A1 (PHARMACEUTICAL DISCOVERY CORPORATION) 1 February 2001 Whole document	1-98
A	WO 2001/000263 A2 (INHALE THERAPEUTIC SYSTEMS) 4 January 2001 Whole document, see in particular fig 21.	1-98
A	BE 905189 A (GLAXO GROUP LTD) 29 January 1987 Whole document	1-98
A	DE 4028387 A (BECHTER) 12 March 1992 Whole document	1-98
A	WO 1995/028192 A1 (DURA PHARMACEUTICALS INC) 26 October 1995 Whole document	1-98
P,X	EP 1386630 A1 (CHIESI FARMACEUTICI SPA) 4 February 2004 Whole document	1-98
P,X	WO 2003/095010 A2 (ORIEL THERAPEUTICS INC) 20 November 2003 Whole document	1-98

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001316

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	5622162	AU	61303/94	AU	61304/94
		AU	61306/94	AU	61681/94
		EP	0683890	JP	9164205
		US	5394866	US	5404871
		US	5469750	US	5497764
		US	5522378	US	5542410
		US	5655516	US	5743252
		US	5813397	US	5826570
		WO	1994/16757	WO	1994/16758
		WO	1994/17369	WO	1994/17370
US	5755218	AS ABOVE			
US	5497764	AS ABOVE			
US	5522378	AS ABOVE			
WO	2000/018455	AU	60867/99	EP	1115440
WO	2002/004043	AU	78906/01	EP	1322357
US	4130116	AR	212279	AU	26877/77
		BR	7705288	CA	1095364
		DE	2734953	DK	360377
		FR	2361122	GB	1562157
		MX	146886	NL	7707388
		PT	66901	SE	7708460
CA	2379137	AU	71380/00	BR	0012718
		NZ	516811	US	2004182387
WO	2001/000263	AU	59035/00	BG	106218
		CA	2377625	CZ	20014723
		EG	22710	EP	1212111
		LT	2002008	LV	12804
		NZ	516098	PL	352903
		ZA	200110214	US	6606992
BE	905189	AT	204086	AU	60655/86
		CA	1272917	CH	672600
		DE	3625685	DK	360986
				BR	8603576
				CY	1481
				EP	0211595

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001316

		ES	2000781	FI	863094	FR	2585563
		GB	2178965	GR	861995	HK	67589
		HU	44182	IL	79550	JP	62041668
		KE	3865	LU	86534	NL	8601949
		NO	863062	NZ	217006	PH	26882
		PL	260858	PT	83094	SE	8603252
		US	4811731	US	5035237	ZA	8605655
DE	4028387		NONE				
WO	1995/028192	AU	22899/95	AU	53289/94	BG	99579
		BG	100894	BR	9307270	BR	9507390
		CA	2147260	CA	2187787	CN	1150392
		CZ	9500977	CZ	9602980	EP	0665759
		EP	0755276	FI	951838	HK	1013262
		HU	70571	HU	74899	NO	951478
		NO	964277	NZ	257056	NZ	284315
		PL	308367	PL	316903	SK	50395
		SK	51695	US	5327883	US	5492112
		US	5577497	US	6055980	US	6060069
		WO	1994/008552				
EP	1386630	WO	2004/012801				
WO	2003/095010	US	2004025877	US	2004050860	US	2004055598
		US	2004153262	WO	2004/002394	WO	2004/002395
		WO	2004/003707				
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							